

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	705	(361/220).CCLS.	USPAT; USOCR	OR	OFF	2006/03/29 12:17
S2	99	S1 and (shaft roll roller)	USPAT	OR	OFF	2005/10/19 09:47
S3	4	((("4307432") or ("5010441") or ("5400208") or ("6686673"))).PN.	USPAT; USOCR	OR	OFF	2005/10/19 09:49
S4	5	((("4307432") or ("5010441") or ("5400208") or ("6686673") or ("4545417"))).PN.	USPAT; USOCR	OR	OFF	2005/10/19 09:50
S5	5	((("4307432") or ("5010441") or ("5400208") or ("6686673") or ("4515417"))).PN.	USPAT; USOCR	OR	OFF	2005/10/19 10:08
S6	419	361/221	USPAT	OR	OFF	2005/10/19 10:40
S7	159	S6 and shaft	USPAT	OR	OFF	2005/10/19 10:11
S8	17	S6 and (shaft same fiber)	USPAT	OR	OFF	2005/10/19 10:11
S9	6	static adj charge adj neutralizing	USPAT	OR	OFF	2005/10/19 10:44
S10	1050	(shaft roll roller conveyor) same static same charge	USPAT	OR	OFF	2005/10/19 10:45
S11	0	S10 same (carrier adj strip)	USPAT	OR	OFF	2005/10/19 10:46
S12	22	S10 same strip	USPAT	OR	OFF	2005/10/19 11:51
S13	0	S12 same fiber	USPAT	OR	OFF	2005/10/19 10:46
S14	0	oh-hieyoung.in.	USPAT	OR	OFF	2005/10/19 11:52
S15	0	oh-hieyoung.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/10/19 11:52
S16	6596	oh.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/10/19 11:53
S17	0	oh-hieyoung.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/10/19 12:23
S18	1	("5394293").PN.	USPAT; USOCR	OR	OFF	2005/10/19 13:25
S19	2	((("5394293") or ("5010441"))).PN.	USPAT; USOCR	OR	OFF	2005/10/19 13:52
S20	3	((("5394293") or ("5010441") or ("4307432"))).PN.	USPAT; USOCR	OR	OFF	2005/10/19 15:08
S21	31	(roller shaft conveyor) same (static adj electrical adj charge)	USPAT	OR	OFF	2005/10/19 15:09
S22	270327	roll	USPAT	OR	OFF	2005/10/20 08:37

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S23	0	S22 and (361/221.ccls)	USPAT	OR	OFF	2005/10/20 08:38
S24	125	S22 and (361/221)	USPAT	OR	OFF	2005/10/20 08:52
S25	49	S22 and (361/221) and shaft	USPAT	OR	OFF	2005/10/20 08:52
S26	0	S25 not S24	USPAT	OR	OFF	2005/10/20 08:53
S27	131	(roll roller) and shaft and (361/221)	USPAT	OR	OFF	2005/10/20 08:54
S28	82	S27 not S24	USPAT	OR	OFF	2005/10/20 08:53
S29	99	(roll roller) and shaft and (361/221) and (fiber brush)	USPAT	OR	OFF	2005/10/20 08:58
S30	57	S29 not S24	USPAT	OR	OFF	2005/10/20 08:54
S31	38	(roll roller) and shaft and (361/220) and (fiber brush)	USPAT	OR	OFF	2005/10/20 09:02
S32	0	fox-elizabeth.in.	USPAT	OR	OFF	2005/10/20 09:02
S33	6	fox-elizabeth-d.in.	USPAT	OR	OFF	2005/10/20 09:03
S34	7	schlageter-alan-g.in.	USPAT	OR	OFF	2005/10/20 09:53
S35	9	charge same brush same (drum roller rollers) same ioniz\$	USPAT	OR	OFF	2005/10/20 10:36
S36	0	charge same brush same (conveyor) same ioniz\$	USPAT	OR	OFF	2005/10/20 10:36
S37	0	charge same brush same conveyor same ioniz\$	USPAT	OR	OFF	2005/10/20 10:37
S38	135	charge same brush same conveyor	USPAT	OR	OFF	2005/10/20 10:44
S39	1	("5394293").PN.	USPAT; USOCR	OR	OFF	2005/10/20 10:38
S40	4	((("5394293") or ("4307432") or ("3936174") or ("5010441"))).PN.	USPAT; USOCR	OR	OFF	2005/10/20 10:39
S41	0	charge same brush same ((slat slats) with conveyor)	USPAT	OR	OFF	2005/10/20 10:46
S42	8	((("4515417") or ("4307432") or ("5010441") or ("5400208") or ("6686673") or ("5227950") or ("5251081") or ("6315475"))).PN.	USPAT; USOCR	OR	OFF	2005/10/20 11:33
S43	49	shaft same.(mounting with fixture) same roll	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/10/26 15:51
S44	10	"5690014"	US-PGPUB; USPAT	OR	OFF	2006/02/01 14:33
S45	1	("5690014").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/01 14:37
S46	425	361/221	US-PGPUB; USPAT	OR	OFF	2006/02/01 15:06

## EAST Search History

S47	258	361/222	US-PGPUB; USPAT	OR	OFF	2006/02/01 15:12
S48	1314	361/220	US-PGPUB; USPAT	OR	OFF	2006/02/01 15:13
S49	133	S48 and (static same electric same charge)	US-PGPUB; USPAT	OR	OFF	2006/02/01 15:26
S50	1113361	shaft roll roller	US-PGPUB; USPAT	OR	OFF	2006/02/01 15:27
S51	2617118	shaft roll roller	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/02/01 15:27
S52	193243	S51 and (fiber\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/02/01 15:28
S53	2661	S52 and (static same charge)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/02/01 15:28
S54	484	S53 and strip	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/02/01 15:29
S55	1320	361/220	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 12:30
S56	0	361/2201 and (charge charges)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 12:30
S57	867	S55 and (charge charges)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 12:58
S58	427	361/221	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 15:34

## EAST Search History

S59	5	("20030123909"   "20030162111"   "5479244"   "5508788"   "5835821").PN. OR ("6909868").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/15 14:58
S60	260	361/222	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 15:34
S61	1	(charge\$1 and dissipat\$2 and (shaft roller) and (filament\$1 fiber\$1) and (ionize ionization)).clm.	US-PGPUB	OR	OFF	2006/03/17 08:26
S62	2	(charge\$1 and (shaft roller) and (filament\$1 fiber\$1) and (ionize ionization)).clm.	US-PGPUB	OR	OFF	2006/03/17 08:26
S63	14	"5010441"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 13:08
S64	1325	361/220	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 13:09
S65	427	361/221	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 13:54
S66	260	361/222	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 15:58
S67	35585	static same charge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 15:59

## EAST Search History

S68	1318	S67 same (roll)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 16:00
S69	142	S68 same shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 16:00